

Topical Workshop: Tomography, data processing and image reconstruction for medicine and engineering

Tuesday, September 11, 2012

#3 (9:00 AM - 12:00 PM)

-Conveners: U. Pietrzyk

time	[id] title	presenter
9:00 AM	[20] Radiation based tomographic methods in medicine	ENGHARDT, Wolfgang
9:45 AM	[21] Time resolved (4D) reconstruction of in-beam PET data for the dose monitoring of intra-fractionally moving target volumes in ion beam therapy	LAUBE, K.
10:15 AM	[22] Observations of transport processes in dense material as challenge for PET imaging procedures and image reconstruction methods	Dr KULENKAMPPF, Johannes
10:35 AM	Coffee	
11:00 AM	[23] Image Reconstruction for Compton Cameras	Mr SCHOENE, Sebastian
11:20 AM	[24] Ultra-Fast, High Resolution PET Image Reconstruction using the PET Reconstruction Toolbox (PRESTO)	SCHEINS, J.
11:40 AM	[25] Iso(Hyper)Surface Extraction in three and four Dimensions	SCHLEI, B.